# Standard Form, Normal Standard, Shaped & Special Shaped High Alumina **Brick Aluminium Fire Brick For Cement Factory**

## Basic Information

• Place of Origin: Zhengzhou ,China • Brand Name: Rongsheng Xinwei

• Certification: ISO9001

SK35, SK36, SK37, SK38, SK40 Model Number:

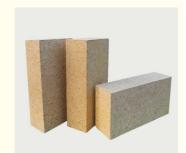
 Minimum Order Quantity: 1 Ton • Price: 200-800USD

• Packaging Details: packed on wooden pallets, with water-proof

cover, and tightened with plastic/steel

bandages

20-30DAYS • Delivery Time: • Payment Terms: TT; L/C • Supply Ability: 2000tons /month



### **Product Specification**

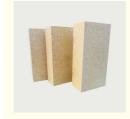
• Abrasion Resistance: • Chemical Resistance: High Color: Red • Compressive Strength: High Density: High • Flexural Strength: High

Material: High Alumina Refractory Brick

 Melting Point: High Porosity: Low • Refractoriness: High Shape: Rectangular Size: Standard • Thermal Conductivity: Low • Thermal Expansion: Low • Thermal Shock Resistance: High



# More Images









## **Product Description**

Product Description of Standard Form, Normal Standard, Shaped & Special Shaped High Alumina Brick Aluminium Fire Brick For Cement Factory
High alumina brick is a kind of neutral refractory with alumina content above 48%. It is formed by shaping and calcining bauxite

or other raw materials with high alumina content. High thermal stability and fire resistance above 1770





#### Product Feature of Standard Form, Normal Standard, Shaped & Special Shaped High Alumina Brick

- 1.Low bulk density, low thermal conductivity, good thermal insulation performance.
- 2. Refractory category allow direct contact of fire, suitable for various atmosphere
- 3.Good integrity with furnace lining,long service life,easy operation, could be shaped freely
   4.Product specification:standard form, normal standard,shaped and special shaped bricks.
- 5. Can be used in various kilns because of its cheapness and general tray package. Among all of the refractory materials, it is the most widely used.

#### Provide OEM/ODM Service

- 1.Trade Assurance
- 2.Get Full Protection for Your Orders
- $3.100\%\ Product\ quality\ protection\ 100\%\ On-time\ shipment\ protection\ 100\%\ Payment\ protection$

### **Product Application of High Alumina Brick**

High alumina bricks, composed primarily of Al2O3, are widely utilized in various high-temperature industrial applications due to their exceptional properties:

Blast Furnaces: High alumina bricks line the interior of blast furnaces in the steel industry, providing excellent resistance to high temperatures and chemical corrosion.

Rotary Kilns: They are used to line the interior of rotary kilns in cement plants, ensuring durability and thermal stability in the

Glass Melting Furnaces: High alumina bricks play a crucial role in maintaining high temperatures required for glass production, making them essential in the glass industry.

Petrochemical Industry: These bricks are employed in various petrochemical applications, including the lining of reactors, providing resistance to extreme temperatures and chemical reactions.

Non-Ferrous Metals Smelting: High alumina bricks are vital in the smelting processes of non-ferrous metals like aluminum, copper, and nickel.

Incinerators and Boilers: They find application in waste incinerators and boilers due to their ability to withstand high temperatures and corrosive environments.

Refractory Insulation: High alumina bricks are used as insulating linings in heat-treating furnaces, providing effective thermal insulation

Fireplaces and Wood Stoves: In residential settings, these bricks are employed in the lining of fireplaces and wood-burning stoves for their ability to withstand high temperatures

#### Product Specification of High Alumina Brick Aluminium Fire Brick For Cement Factory

ltem	Index			
International Code Name	SK35	SK36	SK37	SK38
Chinese Code Name	LZ-48	LZ-55	LZ-65	LZ-75
A2O3,%	248	[ 255	265	[ 275
Fe2O3,%	s2	s2	s2	s2
Refractoriness' min	1750	1770	1790	1790
Apparent Porosity,%	[ s22	[ s22	s23	[ s23
Bulk Density,g/cm3	2.25-2.35	2.25-2.35	2.25-2.35	2,25-2.35
Cold Crushing Strength Mpa	239	244	249	[ 254
0.2Mpa Refractoriness Under Load T0.2它min	21420	21470	21500	21520

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